

FORM PTO-1449

ATTY. DOCKET NO.  
24601-416BSERIAL NO.  
09/815,981CONFIRM NO.  
7622

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AUG 01 2003  
PATENT & TRADEMARK OFFICE

LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE  
STATEMENT

APPLICANT  
de Jong et al.CUSTOMER NO.  
24961FILING DATE  
March 22, 2001GROUP  
1636

A risk is placed beside the reference number, a copy is NOT provided because the reference was previously cited by or submitted to the PTO in a prior application that is identified in the statement and relied upon for an earlier filing date under 35 U.S.C. 120. 37 C.F.R. § 1.98(d).

+ Derwent English language abstract and/or English translation provided.

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	*Ref. Code	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	*Ref. Code	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	Translation Yes No

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

22	A	Albertsen <i>et al.</i> , "Construction and characterization of a yeast artificial chromosome library containing seven haploid human genome equivalents", <i>PNAS</i> , <u>87</u> :4256-4260 (1990)
	B	Alvaro-Gracia <i>et al.</i> , "Cytokines in Chronic Inflammatory Arthritis. V. Mutual Antagonism between Interferon-Gamma and Tumor Necrosis Factor-Alpha on HLA-DR Expression, Proliferation, Collagenase Production, and Granulocyte Macrophage Colony-stimulating Factor Production by Rheumatoid Arthritis Synoviocytes", <i>J. Clin. Invest.</i> , <u>86</u> :1790-1798 (1990)
	C	Aupperle <i>et al.</i> , "NF- $\kappa$ B Regulation by I $\kappa$ B Kinase in Primary "Fibroblast-Like Synoviocytes", <i>J. Immunol.</i> , <u>163</u> :427-433 (1999)
	D	Brown <i>et al.</i> , "Artificial chromosomes: ideal vectors?", <i>TIBTech</i> , <u>18</u> :218-223 (2000)
	E	Cavazzana-Calvo <i>et al.</i> , "Gene Therapy of Human Severe Combined Immunodeficiency (SCID)-X1 Disease", <i>Science</i> , <u>288</u> :669-672 (2000)
	F	Cocchia <i>et al.</i> , "Recovery and potential utility of YACs as circular YACs/BACs", <i>Nucl. Acids Res.</i> , <u>28</u> (17):e81 i-viii (2000)
23	G	Dausset <i>et al.</i> , "The CEPH YAC Library", <i>Behring Inst. Mitt.</i> , <u>91</u> :13-20 (1992)

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Title: METHODS FOR DELIVERING NUCLEIC ACID MOLECULES INTO CELLS AND ASSESSMENT THEREOF

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## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

DS	H	de Jong <i>et al.</i> , "Efficient <i>in-vitro</i> transfer of a 60-Mb mammalian artificial chromosome into murine and hamster cells using cationic lipids and dendrimers", <i>Chromosome Res.</i> , <u>9</u> :475-485 (2001)	✓
	I	Foecking <i>et al.</i> , "Powerful and versatile enhancer-promoter unit for mammalian expression vectors", <i>Gene</i> , <u>45</u> :101-105 (1986)	✓
	J	Giraldo <i>et al.</i> , "Size matters: use of YACs, BACs and PACs in transgenic animals", <i>Transgenic Res.</i> , <u>10</u> :83-103 (2001)	✓
	K	Han <i>et al.</i> , "Development of Biomaterials for Gene Therapy", <i>Mol. Therapy</i> , <u>2</u> (4):302-317 (2000)	✓
	L	Hem <i>et al.</i> , "Saphenous vein puncture for blood sampling of the mouse, rat, hamster, gerbil, guineapig, ferret and mink", <i>Laboratory Animals</i> , <u>32</u> :364-368 (1998)	✓
	M	Jacobovits <i>et al.</i> , "Germ-line transmission and expression of a human-derived yeast artificial chromosome", <i>Nature</i> , <u>362</u> :255-258 (1993)	✓
	N	Kong <i>et al.</i> , "Activated T cells regulate bone loss and joint destruction in adjuvant arthritis through osteoprotegerin ligand", <i>Nature</i> , <u>402</u> :304-309 (1999)	✓
	O	Lange-Gustafson <i>et al.</i> , "Purification and Properties of Int-h, a Variant Protein Involved in Site-specific Recombination of Bacteriophage $\lambda$ ", <i>J. Biol. Chem.</i> , <u>259</u> (20):12724-12732 (1984)	✓
	P	Larin <i>et al.</i> , "A method for linking yeast artificial chromosomes", <i>Nucl. Acid Res.</i> , <u>24</u> (21):4192-4196 (1996)	✓
	Q	Libert <i>et al.</i> , "Construction of a Bovine Genomic Library of Large Yeast Artificial Chromosome Clones", <i>Genomics</i> , <u>18</u> :270-276 (1993)	✓
	R	Lorbach <i>et al.</i> , "Site-specific Recombination in Human Cells Catalyzed by Phage $\lambda$ Integrase Mutants", <i>J. Mol. Biol.</i> , <u>296</u> :1175-1181 (2000)	✓
	S	Lowry, R., "Two-Factor ANOVA with Repeated Measures on One Factor", <a href="http://faculty.vassar.edu/lowry/anova2corr.html">http://faculty.vassar.edu/lowry/anova2corr.html</a> (2000)	✓
DS	T	Luo <i>et al.</i> , "Synthetic DNA delivery systems", <i>Nature Biotechnol.</i> , <u>18</u> :33-37 (2000)	✓

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PS	U	Marschall <i>et al.</i> , "Transfer of YACs up to 2.3 Mb intact into human cells with polyethylenimine", <i>Gene Therapy</i> , <u>6</u> :1634-1637 (1999)	✓
	V	Miller <i>et al.</i> , "int-h: an <i>int</i> Mutation of Phage $\lambda$ That Enhances Site-Specific Recombination", <i>Cell</i> , <u>20</u> :721-729 (1980)	✓
	W	Mountain <i>et al.</i> , "Gene therapy: the first decade", <i>TIBTECH</i> , <u>18</u> :119-128 (2000)	✓
	X	NCBI Nucleotide, Gene Bank Accession No. NC001416	✓
	Y	Osborne <i>et al.</i> , "Gene therapy for long-term expression of erythropoietin in rats", <i>Proc. Natl. Acad. Sci. USA</i> , <u>92</u> :8055-8058 (1995)	✓
	Z	Palmieri <i>et al.</i> , "Construction of a pilot human YAC library in a recombination-defective yeast strain", <i>Gene</i> , <u>188</u> :169-174 (1997)	✓
	AA	Schedl <i>et al.</i> , "A method for the generation of YAC transgenic mice by pronuclear microinjection", <i>Nucl. Acid Res.</i> , <u>21</u> :4783-4787 (1993)	✓
	AB	Shen <i>et al.</i> , "A structurally defined mini-chromosome vector for the mouse germ line", <i>Current Biology</i> , <u>10</u> :31-34 (2000)	✓
	AC	Sigma Catalog, Biochemicals and Regents for Life Science Research, Molecular Biology, pp. 221, 227, 275, 363, 411, 543, 576, 909 (1998)	✓
	AD	Stocum <i>et al.</i> , "Regenerative biology: A millennial revolution", <i>Cell and Devel. Biol.</i> , <u>10</u> :433-440 (1999)	✓
	AE	Stocum <i>et al.</i> , "Regenerative biology and engineering: strategies for tissue restoration", <i>Wound Rep. Reg.</i> , <u>6</u> :276-290 (1998)	✓
	AF	Takeda <i>et al.</i> , "Construction of a bovine yeast artificial chromosome (YAC) library", <i>Animal Genetics</i> , <u>29</u> :216-219 (1998)	✓
	AG	Tao <i>et al.</i> , "Cloning and stable maintenance of DNA fragments over 300 kb in <i>Escherichia coli</i> with conventional plasmid-based vectors", <i>Nucl. Acids Res.</i> , <u>26</u> (21):4901-4909 (1998)	✓
PS	AH	Toye <i>et al.</i> , "A yeast artificial chromosome (YAC) library containing 10 haploid chicken genome equivalents", <i>Mammalian Genome</i> , <u>8</u> :274-276 (1997)	✓

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
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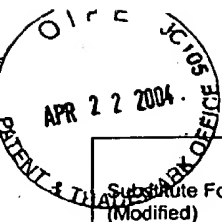
	AI	Tsonis <i>et al.</i> , "Regeneration in Vertebrates", <i>Devel. Biol.</i> , <u>221</u> :273-284 (2000)	/
	AJ	Uherek <i>et al.</i> , "DNA-carrier proteins for targeted gene delivery", <i>Adv. Drug Delivery Reviews</i> , <u>44</u> :153-166 (2000)	/
	AK	Urlaub <i>et al.</i> , "Effect of Gamma Rays at the Dihydrofolate Reductase Locus: Deletions and Inversions", <i>Somatic Cell and Mol. Genetics</i> , <u>12(6)</u> :555-566 (1986)	/
	AL	Wada <i>et al.</i> , "Chimeric YACs were generated at unreduced rates in conditions that suppress coligation", <i>Nucl. Acids Res.</i> , <u>2(9)</u> :1651-1654 (1994)	/
	AM	Zhong <i>et al.</i> , "Zebrafish Genomic Library in Yeast Artificial Chromosomes", <i>Genomics</i> , <u>48</u> :136-138 (1998)	/

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Substitute Form PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office		F&R No. 17084-018002 Attorney's Docket No. 24601-416B		Application No. 09/815,981	
<b>List of Patents and Publications for Applicant's Information Disclosure Statement</b>  (37 CFR §1.98(b))				Applicant Gary De Jong, et al.			
				Filing Date March 22, 2001		Group Art Unit 1636	
<b>U.S. Patent Documents</b>							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
		NONE					

<b>Foreign Patent Documents or Published Foreign Patent Applications</b>								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
		NONE						

<b>Other Documents (include Author, Title, Date, and Place of Publication)</b>		
Examiner Initial	Desig. ID	Document
	AA	Ohse, et al., "A New and Efficient Method for Gene Transfer into Mouse FM3A Cells Using Metaphase Chromosomes by Electroporation," <i>Biosci. Biotech Biochem.</i> , 60 (11):1879-1811 (1996)
	AB	Wada, et al., "HPRT Yeast Artificial Chromosome Transfer into Human Cells By Four Methods and an Involvement of Homologous Recombination," <i>BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS</i> , 200 (3):1693-1700 (1994)

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Examiner Signature 	Date Considered 12/16/04
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Substitute Disclosure Form (PTO-1449)